



**(43) International Publication Date**  
**13 October 2005 (13.10.2005)**

# PCT

**(10) International Publication Number**  
**WO 2005/094924 A1**

**(51) International Patent Classification<sup>7</sup>:      A61M 15/00**

**(21) International Application Number:**  
PCT/GB2005/050044

**(22) International Filing Date:** 30 March 2005 (30.03.2005)

**(25) Filing Language:** English

**(26) Publication Language:** English

**(30) Priority Data:**  
0407627.9                      2 April 2004 (02.04.2004)                      GB

(71) **Applicant** (*for all designated States except US*): **VECTURA LIMITED** [GB/GB]; 1 Prospect Way, Chippenham, Wiltshire SN14 6FH (GB).

**(72) Inventors; and**

**(75) Inventors/Applicants (for US only):** EASON, Stephen, William [GB/GB]; The Priory Half Moon Lane Redgrave Diss, Half Moon Lane, Redgrave, Diss, Norfolk IP22

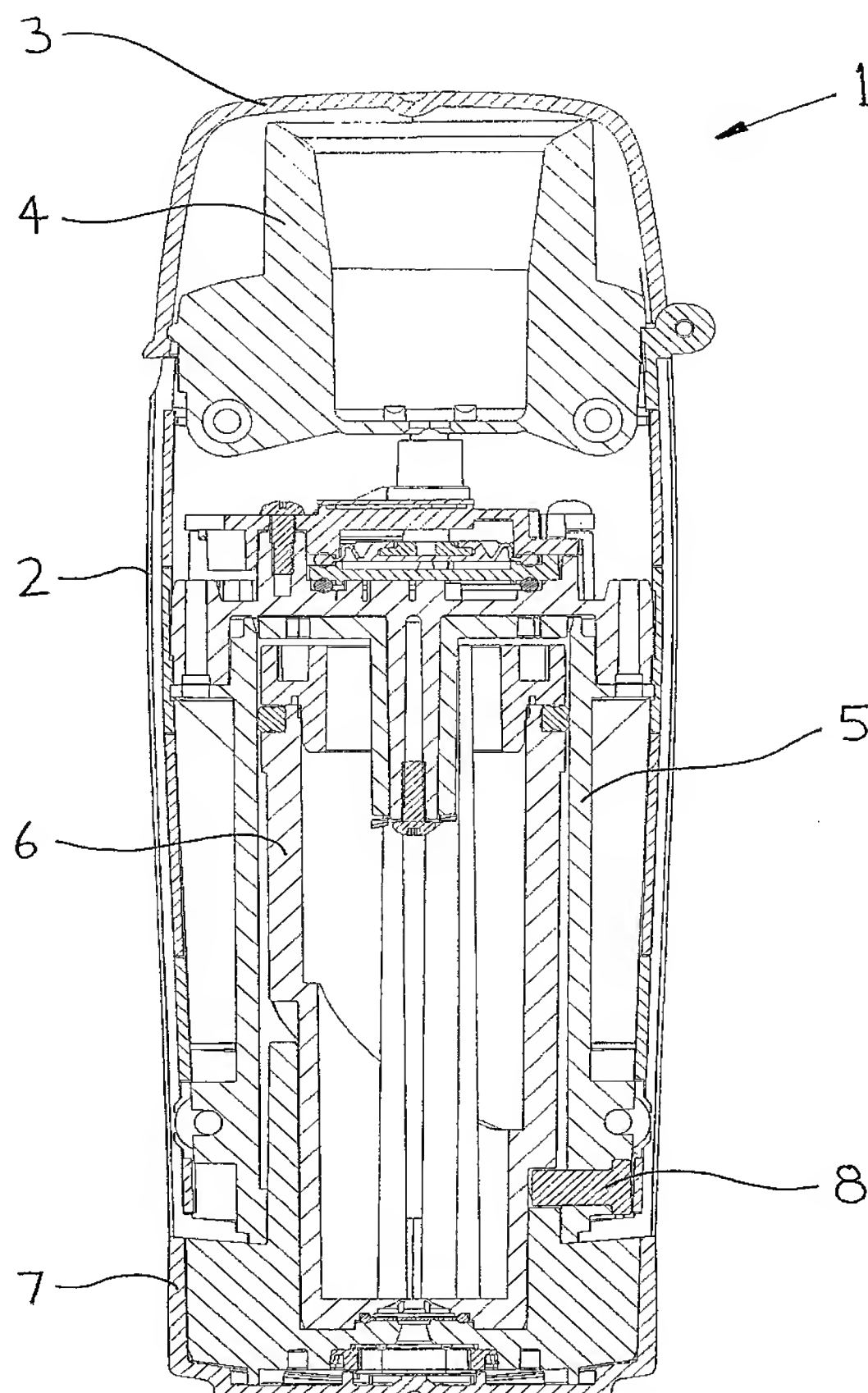
1RX (GB). **NEWTON, Michael Edgar** [GB/GB]; 2 Croft Cottages The Street, The Street, Wattisfield Diss, Norfolk IP22 1NS (GB). **CLARKE, Roger, William** [GB/GB]; 1a Winders Lane, Histon, Cambridge CB4 9EZ (GB). **SARKAR, Matthew, Neil** [GB/GB]; 33 Linden Close, Cambridge CB4 3JU (GB).

**(74) Agents: GREY, Ian Michael et al.; Venner Shipley LLP, 20 Little Britain, London EC1A 7DH (GB).**

**(81) Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

*[Continued on next page]*

**(54) Title:** INHALER



**(57) Abstract:** An inhaler (1) for the delivery of a dose of powdered medicament for inhalation by a user comprising a housing (2) containing a cylinder (5) defining a chamber (5a) and a piston (6) movably received in the cylinder to enable a user to generate a charge of compressed air in the chamber to entrain a dose when the charge is released, wherein the cylinder and the piston include co-operating means (8, 9) thereon operable to draw the piston into the cylinder to compress a charge of air in the chamber in response to rotation of the piston.



(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *with international search report*